Military Surface Deployment & Distribution Command

400NG Rating Tool Tutorial

By the end of this session you should be able to:

Understand how to navigate through the SDDC 400NG Rating Tool.

Correctly use the SDDC 400NG Baseline Rates tables to estimate the cost of a domestic DPS shipments to Alaska.

400NG Rating Tool Resources

By the end of this tutorial, you will be able to rate shipments within CONUS and to/from Alaska.

Once you rate the shipment, the SDDC 400NG Rating Tool will provide you with the shipment cost by line item. This information will help verify invoice amounts prior to invoice approval.

You must have the current version of the following TWO items for completing this tutorial:

- SDDC 400NG Rating Tool
- SDDC 400NG Baseline Rates

If you do not have these Items you may find them at:

- http://www.sddc.army.mil/PP

SDDC 400NG RATING TOOL TUTORIAL

(Note this tool is not rated for PPM. Use DPS to process PPM)

Steps

LOCATE
Shipment Information
Origin Information
Destination Information
Additional Rates Information

→ You will locate the required information within the Baseline Rates, Invoice, and the GBL. For this tutorial, a sample GBL has been provided for you.

ENTER
Shipment Information
Origin Information
Destination Information
Additional Rates Information

→ You will enter the required information into the 400NG Rating Tool.

REVIEW
Information Entered into 400NG Rating Tool
Computation Totals

→ Finally, you will review your entries into the Rating Tool and the Computation Totals

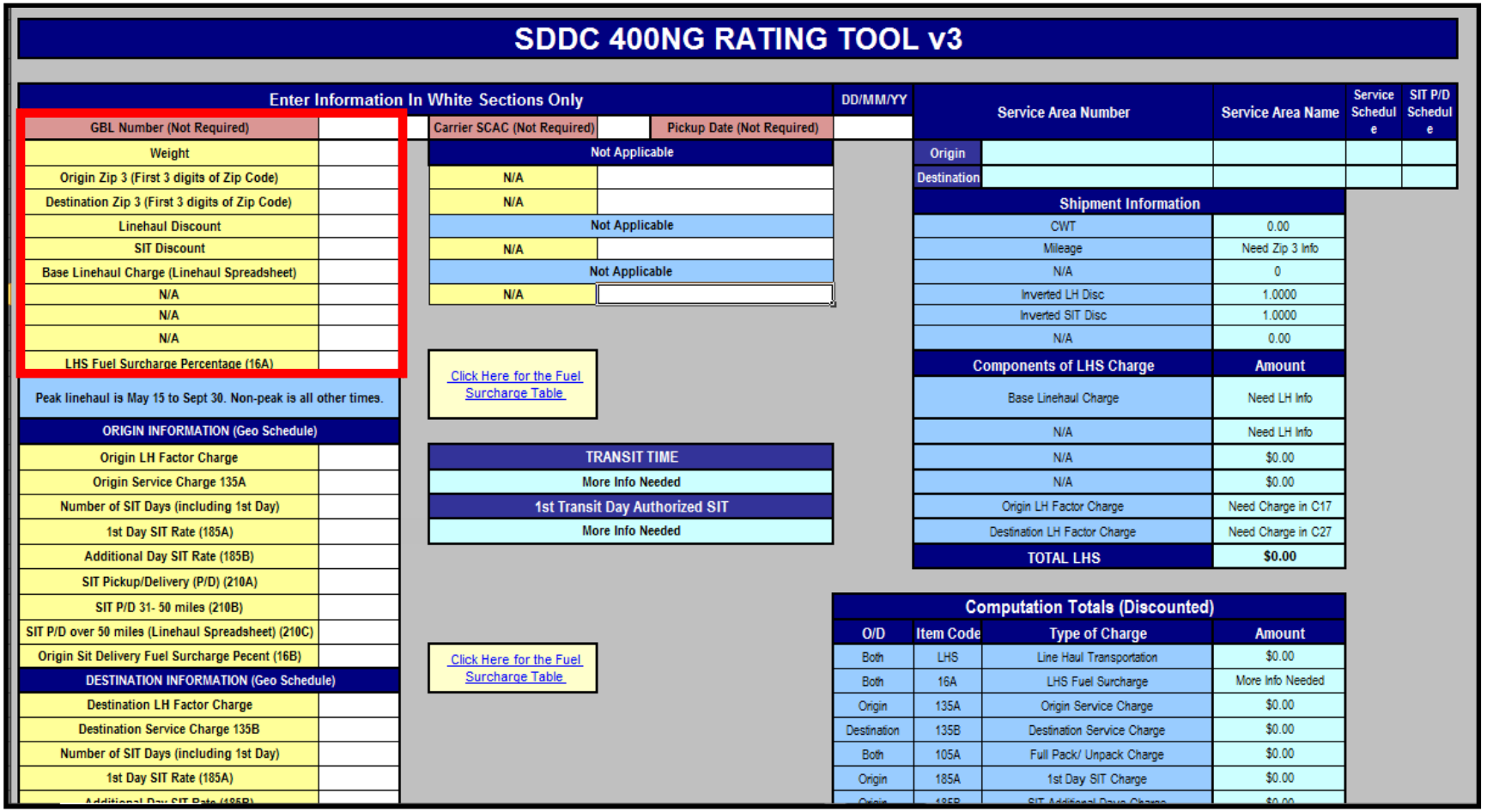
SHIPMENT INFORMATION

This tutorial will use an example shipment from Birmingham, AL to Fairbanks, AK via water.

Example Shipment Information

- 10,000 lbs shipment
- CONUS Linehaul Mileage: 2,513
- Origin Zip 3: 352 (Birmingham, AL)
- Destination Zip 3: 997 (Fairbanks, AK)
- Days of SIT: 4
- Intra-AK Mileage: 20 miles
- Linehaul Discount: 65.00%
- SIT Discount: 45.00%
- Alaska Route: By Water from Tacoma to Fairbanks
- Alaska Destination: Fairbanks
- Requested Pickup Date: June 1, 2012 (Peak Season)

Refer to the General Info Section



SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only

GBL Number (Not Required)		Carrier SCAC (Not Required)		Pickup Date (Not Required)	DD/MM/YY
Weight		Not Applicable			
Origin Zip 3 (First 3 digits of Zip Code)		N/A			
Destination Zip 3 (First 3 digits of Zip Code)		N/A			
Linehaul Discount		Not Applicable			
SIT Discount		N/A			
Base Linehaul Charge (Linehaul Spreadsheet)		Not Applicable			
N/A		N/A			
N/A					
N/A					
LHS Fuel Surcharge Percentage (16A)					

Peak linehaul is May 15 to Sept 30. Non-peak is all other times.

Click Here for the Fuel Surcharge Table

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	

TRANSIT TIME
More Info Needed
1st Transit Day Authorized SIT
More Info Needed

Click Here for the Fuel Surcharge Table

Service Area Number		Service Area Name	Service Schedule	SIT P/D Schedule
Origin				
Destination				

Shipment Information	
CWT	0.00
Mileage	Need Zip 3 Info
N/A	0
Inverted LH Disc	1.0000
Inverted SIT Disc	1.0000
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	Need LH Info
N/A	Need LH Info
N/A	$0.00
N/A	$0.00
Origin LH Factor Charge	Need Charge in C17
Destination LH Factor Charge	Need Charge in C27
TOTAL LHS	**$0.00**

Computation Totals (Discounted)

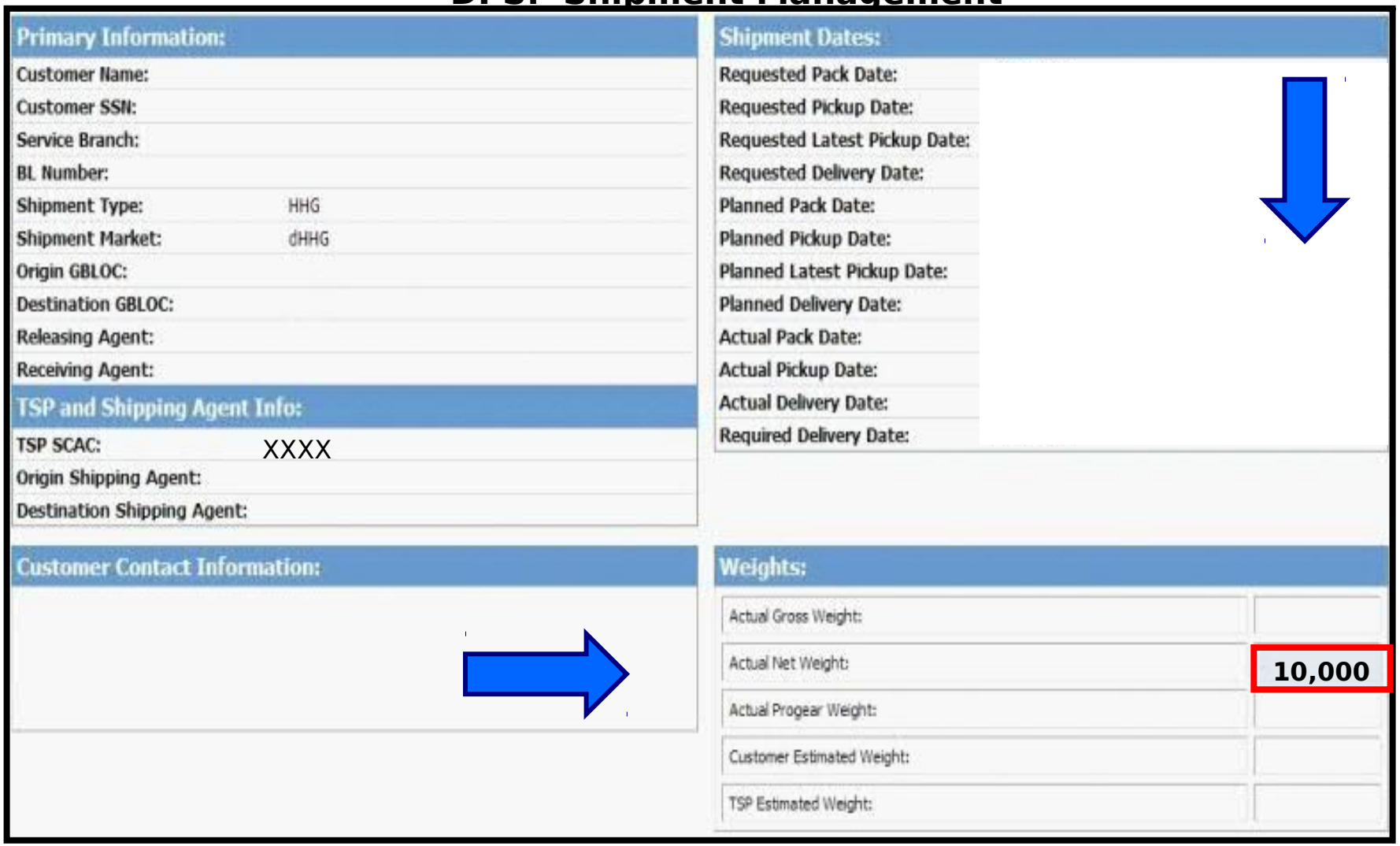
O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$0.00
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$0.00
Destination	135B	Destination Service Charge	$0.00
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00

Refer to the General Info Section

Weight	Now Find
Origin Zip 3 (First 3 digits of Zip Code)	
Destination Zip 3 (First 3 digits of Zip Code)	
Linehaul Discount	
SIT Discount	
Base Linehaul Charge (Linehaul Spreadsheet)	
N/A	
N/A	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 1.1
FIND WEIGHT

DPS: Shipment Management



Step 1.2
ENTER WEIGHT

Weight	*10,000*
Origin Zip 3 (First 3 digits of Zip Code)	Now Find
Destination Zip 3 (First 3 digits of Zip Code)	
Linehaul Discount	
SIT Discount	
Base Linehaul Charge (Linehaul Spreadsheet)	
N/A	
N/A	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 2.1
FIND ORIGIN ZIP 3

DPS: Shipment Management: Cert ed GBL

BILL OF LADING — PRIVATELY OWNED PERSONAL PROPERT — **ORIGINAL** — NO.

1. TRANSPORTATION COMPANY (& AGENT) TENDERED TO	2. SCAC	3. SERVICE CODE	4. SHIPMENT NO.	5. DATE B/L PRINTED
XXXXXX	XXXX			

6. REQUESTED PACKING DATE	7. REQUESTED PICKUP DATE	8. REQUIRED DELIVERY DATE	9. PRIVACY ACT DATA (5 USC 552a) THIS FORM SERVES AS A PROCUREMENT,ACCOUNTABILITY AND PAYMENT FORM IN THE SHIPMENT OF PRIVATELY OWNED PERSONAL PROPERTY FOR THE ACCOUNT OF THE U.S. INFORMATION THEREON MAY BE USED TO PREPARE RELATED COSUMENTS OR COLLECT EXCESS COSTS. DISCLOSURE OF INFORMATION IS VOLUNTARY BUT ITS ABSENCE MAY PRECLUDE SHIPMENT OR PROPERTY.	10. PROPERTY OWNER's NAME, SOCIAL SECURITY NO., RANK AND PAY GRADE

13. EXTRA PICKUP/DELIVERY (Complete address)	11. AUTHORITY FOR SHIPMENT (Order No. par. No., HQ)	12. DATE OF ORDER
SERVICE NOT APPLICABLE	14. DEPARTMENT/AGENCY	15. TRANSPORTATION CONTROL NO.

16. RECEIVED BY THE TRANSPORTATION COMPANY NAMED ABOVE, THE PROPERTY HERINAFTER DESCRIBED, IN APPARENT GOOD ORDER AND CONDITION (CONTENTS AND VALUE UNKNOWN), TO BE FORWARDED TO DESTINATION BY THE SAID COMPANY AND CONNECTING LINES, THERE TO BE DELIVERED IN LIKE GOOD ORDER AND CONDITION TO SAID CONSIGNEE. THIS BILL OF LADING IS GOVERNED BY THE REGULATIONS RELATING THERETO AS PUBLISHED IN TITLE 41, PART 102-118 OF THE CODE OF FEDERAL REGULATIONS. TERMS AND CONDITIONS ARE ALSO CONTAINED IN THE TENDER OF SERVICE.

17. FULL NAME OF SHIPPER

BLOCK 19

18. CONSIGNEE (Name and destination delivery address) (See block 13.)

1867 Parkside Drive

Fai 9701

19. FROM (Complete address of point of pickup) (See block 13.)

1352 Olive Street

Birmingham, AL 35201

20. RESPONSIBLE DESTINATION INSTALLATION/OFFICE — GBLOC:

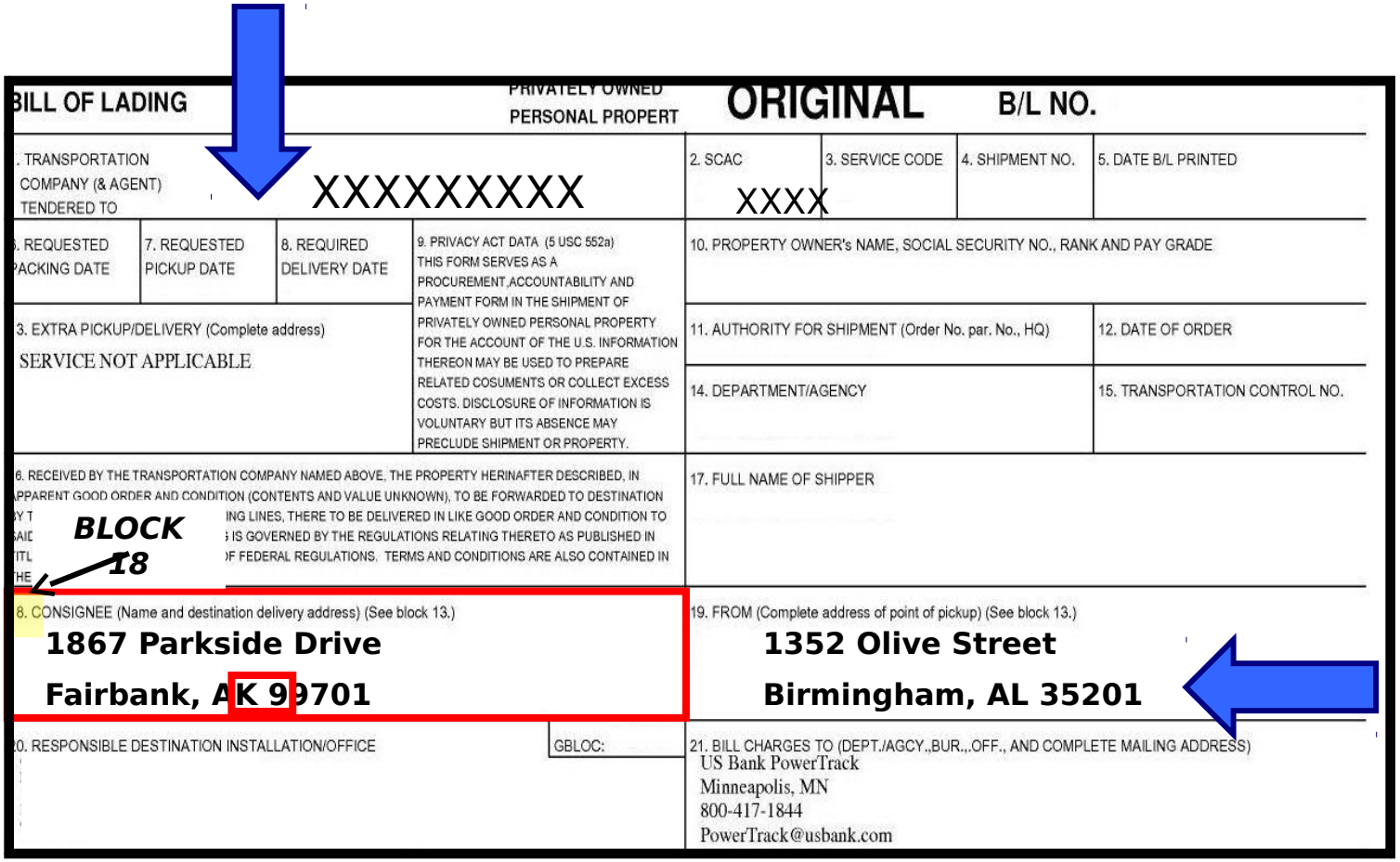
21. BILL CHARGES TO (DEPT./AGCY.,BUR.,.OFF., AND COMPLETE MAILING ADDRESS)
US Bank PowerTrack
Minneapolis, MN
800-417-1844
PowerTrack@usbank.com

Step 2.2
ENTER ORIGIN ZIP 3

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	Now Find
Linehaul Discount	
SIT Discount	
Base Linehaul Charge (Linehaul Spreadsheet)	
N/A	
N/A	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 3.1
FIND DESTINATION ZIP 3

DPS: Shipment Management: Certified GBL



BILL OF LADING — PRIVATELY OWNED PERSONAL PROPERT — ORIGINAL — B/L NO.

1. TRANSPORTATION COMPANY (& AGENT) TENDERED TO: XXXXXXXXX

2. SCAC: XXXX | 3. SERVICE CODE | 4. SHIPMENT NO. | 5. DATE B/L PRINTED

6. REQUESTED PACKING DATE | 7. REQUESTED PICKUP DATE | 8. REQUIRED DELIVERY DATE

9. PRIVACY ACT DATA (5 USC 552a) THIS FORM SERVES AS A PROCUREMENT,ACCOUNTABILITY AND PAYMENT FORM IN THE SHIPMENT OF PRIVATELY OWNED PERSONAL PROPERTY FOR THE ACCOUNT OF THE U.S. INFORMATION THEREON MAY BE USED TO PREPARE RELATED COSUMENTS OR COLLECT EXCESS COSTS. DISCLOSURE OF INFORMATION IS VOLUNTARY BUT ITS ABSENCE MAY PRECLUDE SHIPMENT OR PROPERTY.

10. PROPERTY OWNER's NAME, SOCIAL SECURITY NO., RANK AND PAY GRADE

13. EXTRA PICKUP/DELIVERY (Complete address)
SERVICE NOT APPLICABLE

11. AUTHORITY FOR SHIPMENT (Order No. par. No., HQ) | 12. DATE OF ORDER

14. DEPARTMENT/AGENCY | 15. TRANSPORTATION CONTROL NO.

16. RECEIVED BY THE TRANSPORTATION COMPANY NAMED ABOVE, THE PROPERTY HERINAFTER DESCRIBED, IN APPARENT GOOD ORDER AND CONDITION (CONTENTS AND VALUE UNKNOWN), TO BE FORWARDED TO DESTINATION ... ING LINES, THERE TO BE DELIVERED IN LIKE GOOD ORDER AND CONDITION TO ... IS GOVERNED BY THE REGULATIONS RELATING THERETO AS PUBLISHED IN ... OF FEDERAL REGULATIONS. TERMS AND CONDITIONS ARE ALSO CONTAINED IN

17. FULL NAME OF SHIPPER

BLOCK 18

18. CONSIGNEE (Name and destination delivery address) (See block 13.)
1867 Parkside Drive
Fairbank, AK 99701

19. FROM (Complete address of point of pickup) (See block 13.)
1352 Olive Street
Birmingham, AL 35201

20. RESPONSIBLE DESTINATION INSTALLATION/OFFICE | GBLOC:

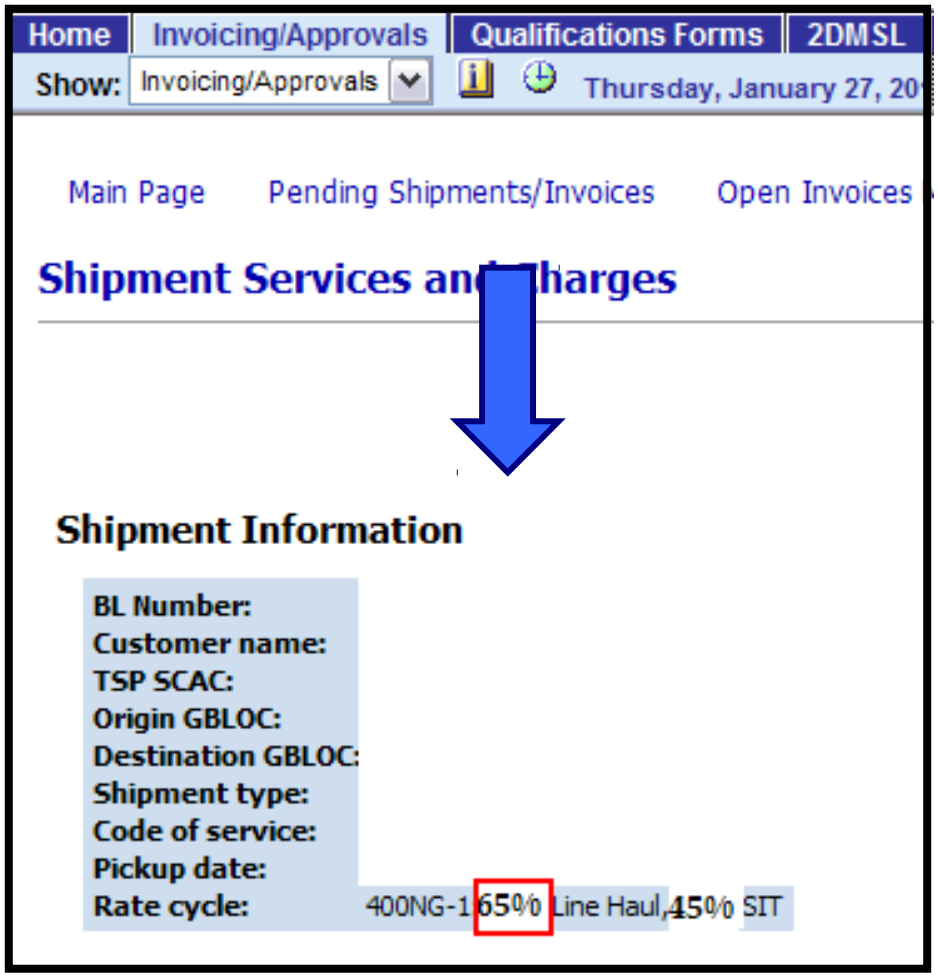
21. BILL CHARGES TO (DEPT./AGCY.,BUR.,.OFF., AND COMPLETE MAILING ADDRESS)
US Bank PowerTrack
Minneapolis, MN
800-417-1844
PowerTrack@usbank.com

Step 3.2
ENTER DESTINATION ZIP 3

Weight	***10,000***
Origin Zip 3 (First 3 digits of Zip Code)	***352***
Destination Zip 3 (First 3 digits of Zip Code)	***997***
Linehaul Discount	**Now Find**
SIT Discount	
Enter AK Route Info in F6	
N/A	
N/A	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 4.1
FIND LINEHAUL DISCOUNT

DPS: Invoicing / Approvals: Shipment Services and Charges



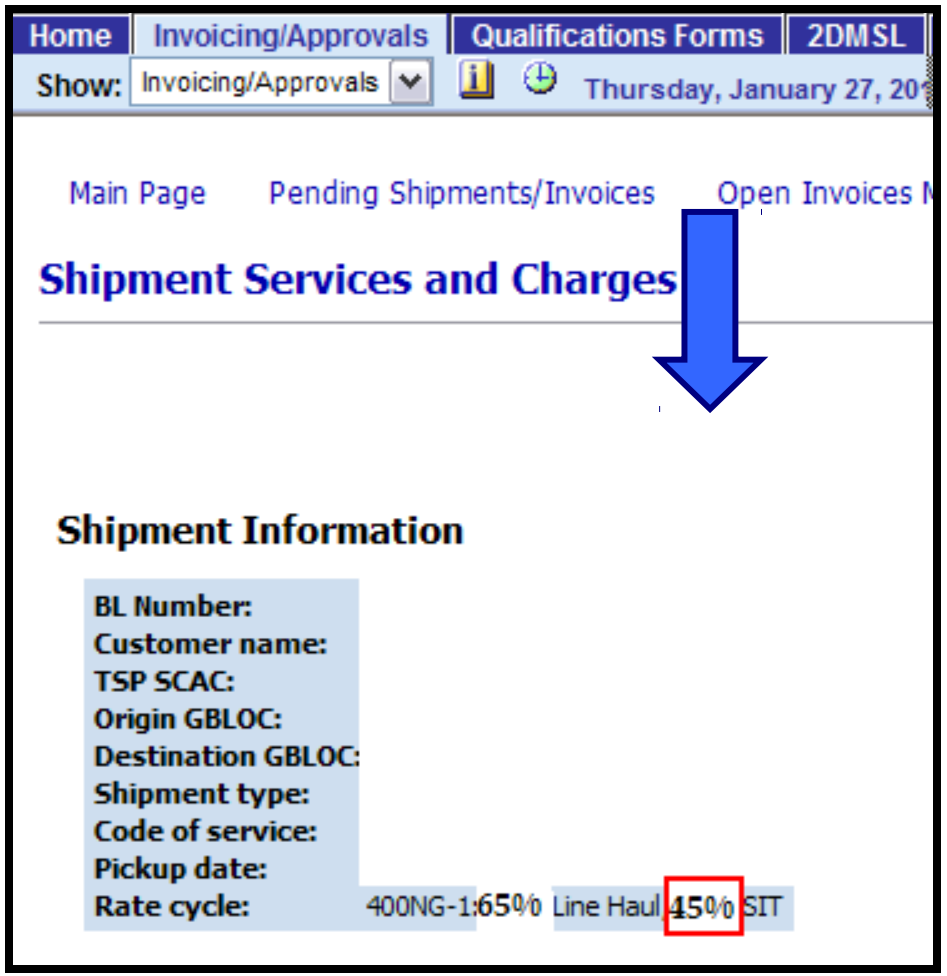
Also can be found on certified GBL

Step 4.2
ENTER LINEHAUL DISCOUNT

Weight	***10,000***
Origin Zip 3 (First 3 digits of Zip Code)	***352***
Destination Zip 3 (First 3 digits of Zip Code)	***997***
Linehaul Discount	***65%***
SIT Discount	**Now Find**
Enter AK Route Info in F6	
N/A	
N/A	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 5.1
FIND SIT DISCOUNT

DPS: Invoicing / Approvals: Shipment Services and Charges



Step 5.2
ENTER SIT DISCOUNT

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Enter AK Route Info in F6	Now Find
N/A	
N/A	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 6.1
Refer to the AK section

SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only				DD/MM/YY
GBL Number (Not Required)		Carrier SCAC (Not Required)		Pickup Date (Not Required)	

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Enter AK Route Info in F6 and F7	
N/A	
N/A	
N/A	
LHS Fuel Surcharge Percentage (16A)	

Peak linehaul is May 15 to Sept 30. Non-peak is all other times.

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	$ 4.92
Destination Service Charge 135B	$ 6.48
Number of SIT Days (including 1st Day)	4
1st Day SIT Rate (185A)	$ 12.63

Further Information Required	
ENTER AK Route>>>	
Enter AK Destination>>>	
Not Applicable	
N/A	
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

TRANSIT TIME
More Info Needed
1st Transit Day Authorized SIT
More Info Needed

Click Here for the Fuel Surcharge Table

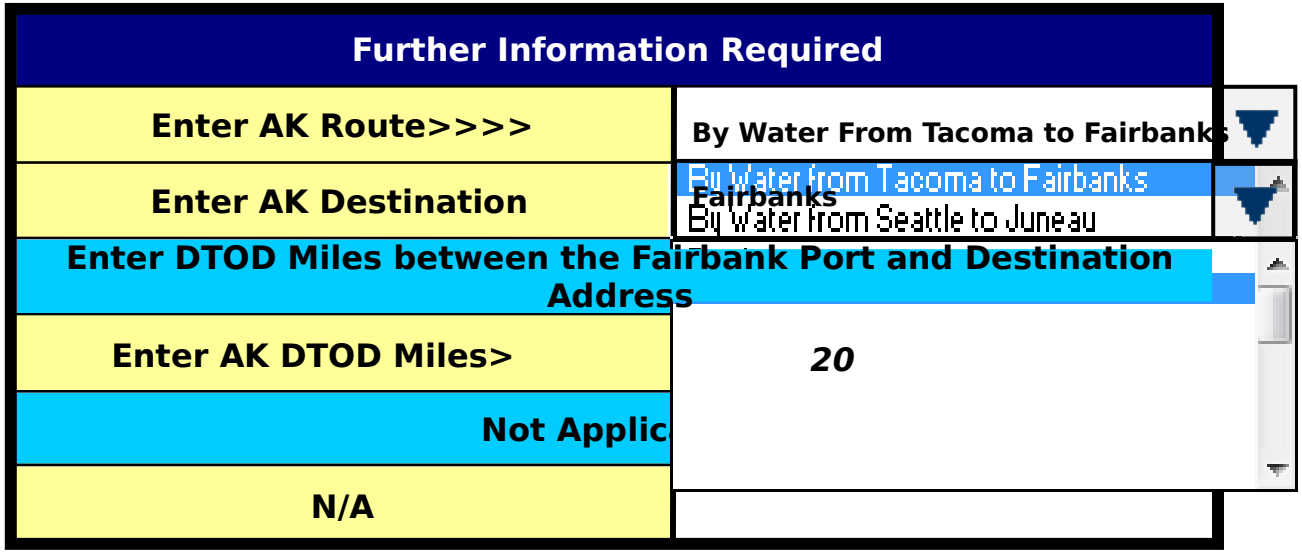
	Service Area Number	Service Area Name	Service Schedule	S Sc
Origin	4	Birmingham, AL	2	
Destination	22	Alaska, All Points	4	

Shipment Information	
CWT	100.00
Mileage	Need AK Info
N/A	0
Inverted LH Disc	1.0000
Inverted SIT Disc	1.0000
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$0.00
N/A	$0.00
N/A	$0.00
N/A	$0.00
Origin LH Factor Charge	Need Charge in C17
Destination LH Factor Charge	$492.00
TOTAL LHS	$492.00

Computation Totals (Discounted)			
O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$492.00
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$0.00
Destination	135B	Destination Service Charge	$648.00
Both	105A	Full Pack/ Unpack Charge	$6,245.95
Origin	185A	1st Day SIT Charge	$0.00

Step 6.2
ENTER AK ROUTE INFO



Alaska Route: By Water from Tacoma to Fairbanks
Alaska Destination: Fairbanks
SIT Mileage (Delivery Out): 20 miles

Note: If your origin/destination is not Alaska, you do not need to complete steps 6.1 through y. Skip to step p

Step 7.1
Refer to General Info Section

SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only				DD/MM/YY
GBL Number (Not Required)		Carrier SCAC (Not Required)		Pickup Date (Not Required)	

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Base Linehaul Charge (Linehaul Spreadsheet)	
Base Intra-AK Charge (Linehaul Spreadsheet)	
Base AK Water Charge (Accessorial Spreadsheet)	
N/A	
LHS Fuel Surcharge Percentage (16A)	

Peak linehaul is May 15 to Sept 30. Non-peak is all other times.

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	

Further Information Required	
AK Route	By Water from Tacoma to Fairbanks
AK Destination	Fairbanks
Enter DTOD miles between the Fairbanks BPC and Destination Address.	
AK DTOD Miles	20
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Click Here for the Fuel Surcharge Table

Service Area Number		Service Area Name	Service Schedule	SIT Sch
Origin	4	Birmingham, AL	2	
Destination	22	Alaska, All Points	4	

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	1.0000
Inverted SIT Disc	1.0000
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$0.00
Intra-AK Charge	$0.00
AK Water Charge	$0.00
N/A	$0.00
Origin LH Factor Charge	Need Charge in C17
Destination LH Factor Charge	Need Charge in C27
TOTAL LHS	**$0.00**

Computation Totals (Discounted)			
O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$0.00
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$0.00
Destination	135B	Destination Service Charge	$0.00
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00

Step 7.2
ENTER BASE LINEHAUL CHARGE

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Base Linehaul Charge (Linehaul Spreadsheet)	Now Find
Base Intra-AK Charge (Linehaul Spreadsheet)	
Base AK Water Charge (Accessorial Spreadsheet)	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 7.3

Find Lower 48 mileage for LH Charge

SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only				DD/MM/YY
GBL Number (Not Required)		Carrier SCAC (Not Required)		Pickup Date (Not Required)	

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Base Linehaul Charge (Linehaul Spreadsheet)	
Base Intra-AK Charge (Linehaul Spreadsheet)	
Base AK Water Charge (Accessorial Spreadsheet)	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	
ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	

Further Information Required	
AK Route	By Water from Tacoma to Fairbanks
AK Destination	Fairbanks
Enter DTOD miles between the Fairbanks BPC and Destination Address.	
AK DTOD Miles	20
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Click Here for the Fuel Surcharge Table

Service Area Number		Service Area Name	Service Schedule	SIT Sch
Origin	4	Birmingham, AL	2	
Destination	22	Alaska, All Points	4	

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	1.0000
Inverted SIT Disc	1.0000
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$0.00
Intra-AK Charge	$0.00
AK Water Charge	$0.00
N/A	$0.00
Origin LH Factor Charge	Need Charge in C17
Destination LH Factor Charge	Need Charge in C27
TOTAL LHS	**$0.00**

Computation Totals (Discounted)			
O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$0.00
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$0.00
Destination	135B	Destination Service Charge	$0.00
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00
Origin	185B	SIT Additional Days Charge	$0.00

Step 7.4

FIND BASE LINEHAUL CHARGE

400NG-2012 Baseline Tab: Linehaul

Section 3 - Linehaul - Peak	From Miles ↓	To Miles ↓	Weight →	9600	9800	10000	10200	10400	10600	10800
				9799	9999	10199	10399	10599	10799	10999
	2201	2300		18740	19076	19411	19748	20083	20419	20754
	2301	2400		19219	19562	19907	20250	20596	20941	21284
	2401	2500		19695	20049	20402	20755	21108	21462	21815
	2501	2600		20173	20535	20897	21259	21621	21984	22345
	2601	2700		20651	21021	21392	21764	22135	22506	22876
	2701	2800		21128	21509	21888	22268	22648	23028	23407

Requirements

- ***Shipment Weight 10,000lbs***
- ***Mileage 2513 miles***

Step 7.5
ENTER BASE LINEHAUL CHARGE

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Base Linehaul Charge (Linehaul Spreadsheet)	$20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	Now Find
Base AK Water Charge (Accessorial Spreadsheet)	
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 8.1
FIND INTRA-AK CHARGE

400NG-2012 Baseline Tab: Linehaul

Section - Intra AK - Peak	From Miles ↓	To Miles ↓	Weight →	9600	9800	10000	10200	10400	10600
				9799	9999	10199	10399	10599	10799
	1	20		3722	3773	3823	3873	3925	3975
	21	40		3906	3961	4015	4070	4125	4180
	41	60		4091	4148	4208	4266	4326	4383

Requirements

- ***Weight ≥ 20,000lbs***
- ***Intra-AK Mileage ≥ 20 miles***

Step 8.2
ENTER INTRA-AK CHARGE

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Base Linehaul Charge (Linehaul Spreadsheet)	$20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	$3,823
Base AK Water Charge (Accessorial Spreadsheet)	Now Find
N/A	
LHS Fuel Surcharge Percentage (16A)	
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 9.1
FIND BASE AK WATER CHARGE

400NG-2012 Baseline Tab: accessorials

	City ↓		Weight →	9600	9800	10000	10200	10400
				9799	9999	10199	10399	10599
Section 6 AK Waterhaul Peak	Sitka			15587	15900	16212	16524	16838
	Ketchikan/Juneau			15882	16201	16520	16839	17156
	Anchorage			17062	17407	17749	18093	18437
	Petersburg/Wrangell			17359	17708	18057	18407	18756
	Kodiak			18243	18611	18980	19348	19716
	Fairbanks			20788	21209	21632	22053	22475
	Cordova			22264	22716	23170	23621	24074

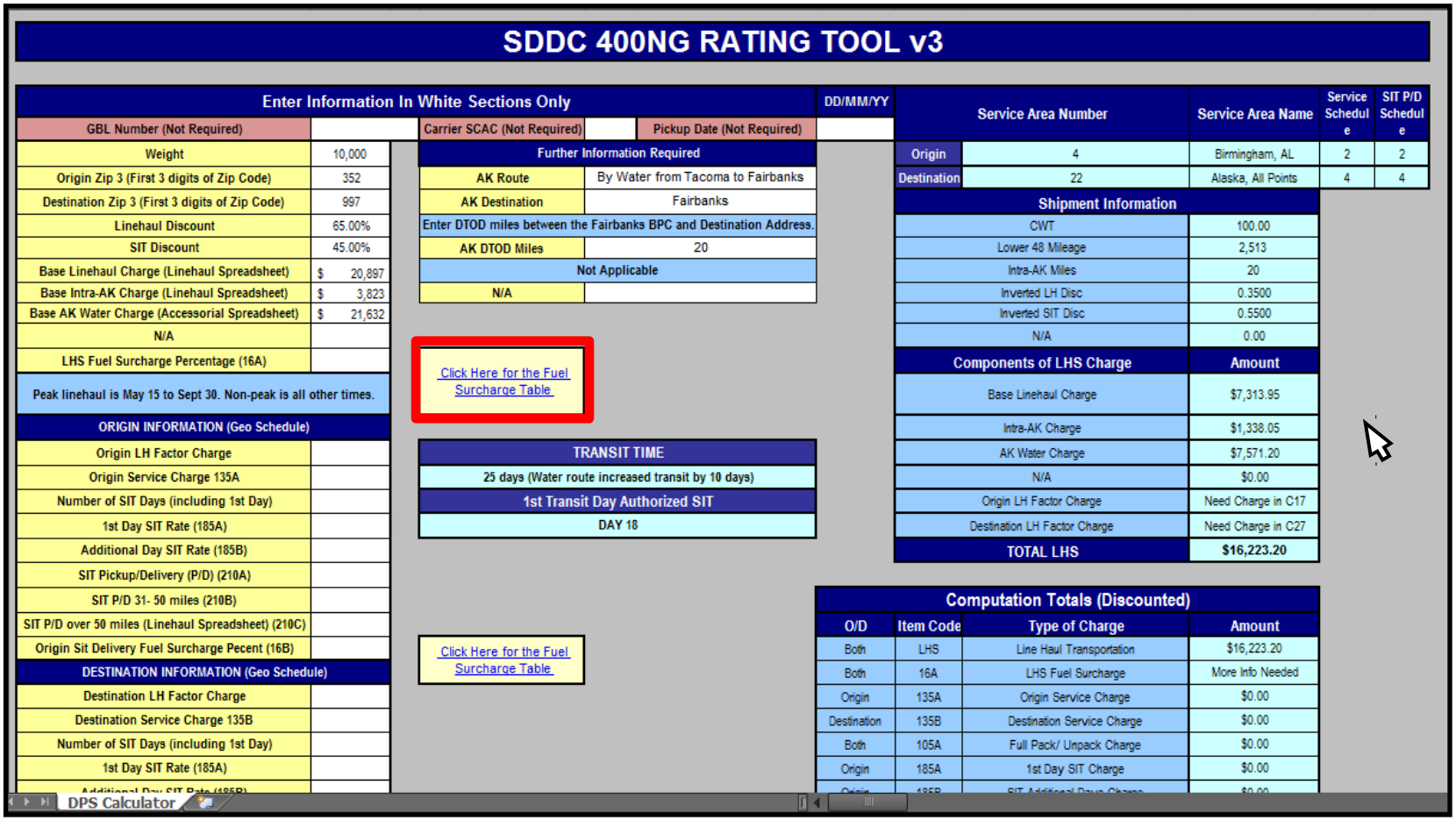
Requirements

- ***Weight 10,000lbs***
- ***Port City Fairbanks***

Step 9.2
ENTER BASE AK WATER CHARGE

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Base Linehaul Charge (Linehaul Spreadsheet)	$20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	$3,823
Base AK Water Charge (Accessorial Spreadsheet)	$21,632
N/A	
LHS Fuel Surcharge Percentage (16A)	Now Find
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 10.1
FIND FUEL SURCHARGE



SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only				DD/MM/YY
GBL Number (Not Required)		Carrier SCAC (Not Required)	Pickup Date (Not Required)	

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65.00%
SIT Discount	45.00%
Base Linehaul Charge (Linehaul Spreadsheet)	$ 20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	$ 3,823
Base AK Water Charge (Accessorial Spreadsheet)	$ 21,632
N/A	
LHS Fuel Surcharge Percentage (16A)	

Peak linehaul is May 15 to Sept 30. Non-peak is all other times.

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	

Further Information Required	
AK Route	By Water from Tacoma to Fairbanks
AK Destination	Fairbanks
Enter DTOD miles between the Fairbanks BPC and Destination Address.	
AK DTOD Miles	20
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Click Here for the Fuel Surcharge Table

Service Area Number		Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	0.3500
Inverted SIT Disc	0.5500
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$7,313.95
Intra-AK Charge	$1,338.05
AK Water Charge	$7,571.20
N/A	$0.00
Origin LH Factor Charge	Need Charge in C17
Destination LH Factor Charge	Need Charge in C27
TOTAL LHS	$16,223.20

Computation Totals (Discounted)			
O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$16,223.20
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$0.00
Destination	135B	Destination Service Charge	$0.00
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00

DPS Calculator

Step 10.2
FIND FUEL SURCHARGE

For this example, we will use the fuel surcharge percentage for 2011. The fuel surcharge percentage for June 2012 had not been released at the time this tutorial was written.

1. EIA Publication Date	2. Shipment Period	3. EIA Price Per Gallon ($)	4. $2.50 Baseline	5. $1.30 Baseline
03 JAN 10	15 JAN 10 - 14 FEB 10	3.331	9	NA
04 JAN 10	15 JAN 10 - 14 FEB 10	2.797	3	NA
01 FEB 10	15 FEB 10 - 14 MAR 10	2.781	3	NA
01 MAR 10	15 MAR 10 - 14 APR 10	2.861	4	NA
01 APR 10	15 APR 10 - 14 MAY 10	3.015	6	NA
03 MAY 10	15 MAY 10 - 14 JUN 10	3.122	7	NA
07 JUN 10	15 JUN 10 - 14 JUL 10	2.946	5	NA
07 JUL 10	15 JUL 10 - 14 AUG 10	2.924	5	NA
02 AUG 10	15 AUG 10 - 14 SEP 10	2.928	5	NA
06 SEP 10	15 SEP 10 - 14 OCT 10	2.931	5	NA
04 OCT 10	15 OCT 10 - 14 NOV 10	3	5	NA
01 NOV 10	15 NOV 10 - 14 DEC 10	3.067	6	NA
06 DEC 10	15 DEC 10 - 14 JAN 11	3.197	7	NA
03 JAN 11	15 JAN 11 - 14 FEB 11	3.331	9	NA
07 FEB 11	15 FEB 11 - 14 MAR 11	3.513	11	NA
07 MAR 11	15 MAR 11 - 14 APR 11	3.871	14	NA
04 APR 11	15 APR 11 - 14 MAY 11	3.976	15	NA
02 MAY 11	15 MAY 11 - 14 JUN 11	4.124	17	NA
06 JUN 11	15 JUN 11 - 14 JUL 11	3.94	15	NA
04 JUL 11	15 JUL 11 - 14 AUG 11	3.85	14	NA
01 AUG 11	15 AUG 11 - 14 SEP 11	3.937	15	NA
05 SEP 11	15 SEP 11 - 14 OCT 11	3.868	14	NA
03 OCT 11	15 OCT 11 - 14 NOV 11	3.749	13	NA
07 NOV 11	15 NOV 11 - 14 DEC 11	3.887	14	NA

Step 10.3
ENTER BASE AK WATER CHARGE

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65%
SIT Discount	45%
Base Linehaul Charge (Linehaul Spreadsheet)	$20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	$3,823
Base AK Water Charge (Accessorial Spreadsheet)	$21,632
N/A	
LHS Fuel Surcharge Percentage (16A)	15%
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	

Step 11.1

Refer to Origin Information Section

SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only				DD/MM/YY
GBL Number (Not Required)		Carrier SCAC (Not Required)	Pickup Date (Not Required)	

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65.00%
SIT Discount	45.00%
Base Linehaul Charge (Linehaul Spreadsheet)	$ 20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	$ 3,823
Base AK Water Charge (Accessorial Spreadsheet)	$ 21,632
N/A	
LHS Fuel Surcharge Percentage (16A)	15.00%
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	
ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	

Further Information Required	
AK Route	By Water from Tacoma to Fairbanks
AK Destination	Fairbanks
Enter DTOD miles between the Fairbanks BPC and Destination Address.	
AK DTOD Miles	20
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Click Here for the Fuel Surcharge Table

	Service Area Number	Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	0.3500
Inverted SIT Disc	0.5500
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$7,313.95
Intra-AK Charge	$1,338.05
AK Water Charge	$7,571.20
N/A	$0.00
Origin LH Factor Charge	Need Charge in C17
Destination LH Factor Charge	Need Charge in C27
TOTAL LHS	$16,223.20

Computation Totals (Discounted)			
O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$16,223.20
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$0.00
Destination	135B	Destination Service Charge	$0.00
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00

Step 11.2

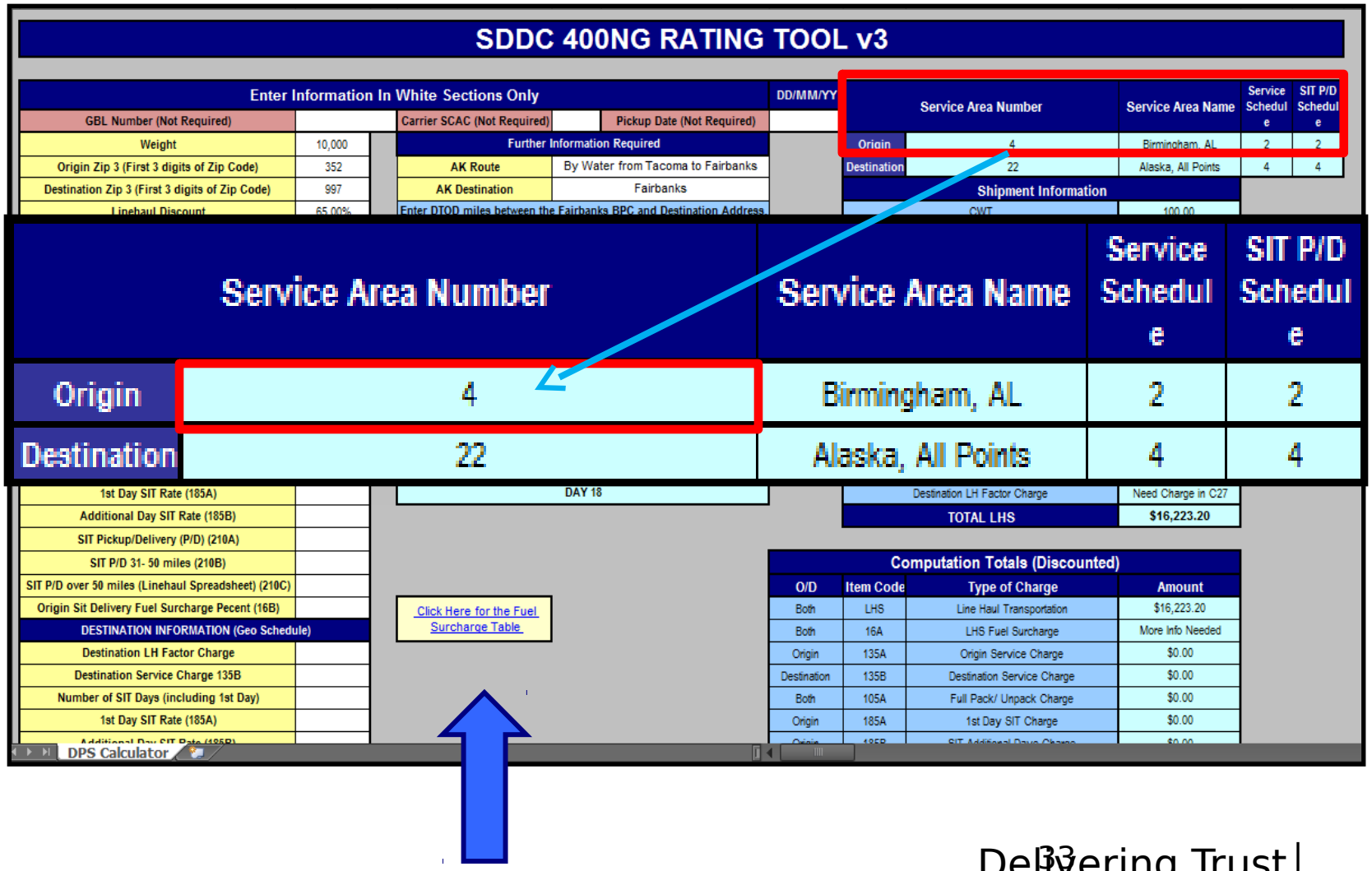
ENTER ORIGIN LH FACTOR CHARGE

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	Now Find
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	

Step 11.3

Refer to Service Area Number Section

SDDC 400NG Rating Tool v3



Step 11.5
FIND ORIGIN LH factor CHARGE

400NG-2012 Baseline Tab: Geographical Schedule

Service Area Number	Service Area Name	Services Schedule	Linehaul Factor (per cwt)	135A & B Orig/Dest Service Charge (per cwt)	185A SIT First Day & Whouse (per cwt)	185B SIT Addl Days (per cwt)	SIT PD Schedule
4	Birmingham, AL	2	$1.10	$5.99	$16.78	$0.59	2
8	Dothan, AL	1	$0.10	$4.11	$12.88	$0.40	2
12	Huntsville, AL	1	$0.45	$6.29	$13.28	$0.42	2

Requirements

- ***CWT***
- ***Service Area Number***

Step 12.1

ENTER ORIGIN LH FACTOR CHARGE

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	***$1.10***
Origin Service Charge 135A	**Now Find**
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	

Step 12.2
FIND ORIGIN SERVICE CHARGE

400NG-2012 Baseline Tab: Geographical Schedule

Service Area Number	Service Area Name	Services Schedule	Linehaul Factor (per cwt)	135A & B Orig/Dest Service Charge (per cwt)	185A SIT First Day & Whouse (per cwt)	185B SIT Addl Days (per cwt)	SIT PD Schedule
4	ngham, AL	2	$1.10	$5.99	$16.78	$0.59	2
8	Dothan, AL	1	$0.10	$4.11	$12.88	$0.40	2
12	Huntsville, AL	1	$0.45	$6.29	$13.28	$0.42	2

Requirements

- ***CWT***
- ***Service Area Number***

Step 12.3
ENTER ORIGIN SERVICE CHARGE

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	*$1.10*
Origin Service Charge 135A	*$5.99*
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	

Step 13.1

Refer to Destination Information Section

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65.00%
SIT Discount	45.00%
Base Linehaul Charge (Linehaul Spreadsheet)	$ 20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	$ 3,823
Base AK Water Charge (Accessorial Spreadsheet)	$ 21,632
N/A	
LHS Fuel Surcharge Percentage (16A)	15.00%
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	
ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	$ 1.10
Origin Service Charge 135A	$ 5.99
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT P/D (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	
ADDITIONAL RATES (Other)	

Further Information Required	
AK Route	By Water from Tacoma to Fairbanks
AK Destination	Fairbanks
Enter DTOD miles between the Fairbanks BPC and Destination Address.	
AK DTOD Miles	20
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

Click Here for the Fuel Surcharge Table

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	0.3500
Inverted SIT Disc	0.5500
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$7,313.95
Intra-AK Charge	$1,338.05
AK Water Charge	$7,571.20
N/A	$0.00
Origin LH Factor Charge	$38.50
Destination LH Factor Charge	Need Charge in C27
TOTAL LHS	**$16,261.70**

Computation Totals (Discounted)

O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$16,261.70
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$209.65
Destination	135B	Destination Service Charge	$0.00
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00
Origin	185B	SIT Additional Days Charge	$0.00
Origin	210A	SIT P/D Charge	$0.00
Origin	210B	SIT P/D 31- 50 miles Charge	$0.00
Origin	210C	SIT P/D over 50 miles	$0.00
Origin	16B	SIT P/D Fuel Surcharge	$0.00
Destination	185A	1st Day SIT Charge	$0.00

Step 13.2

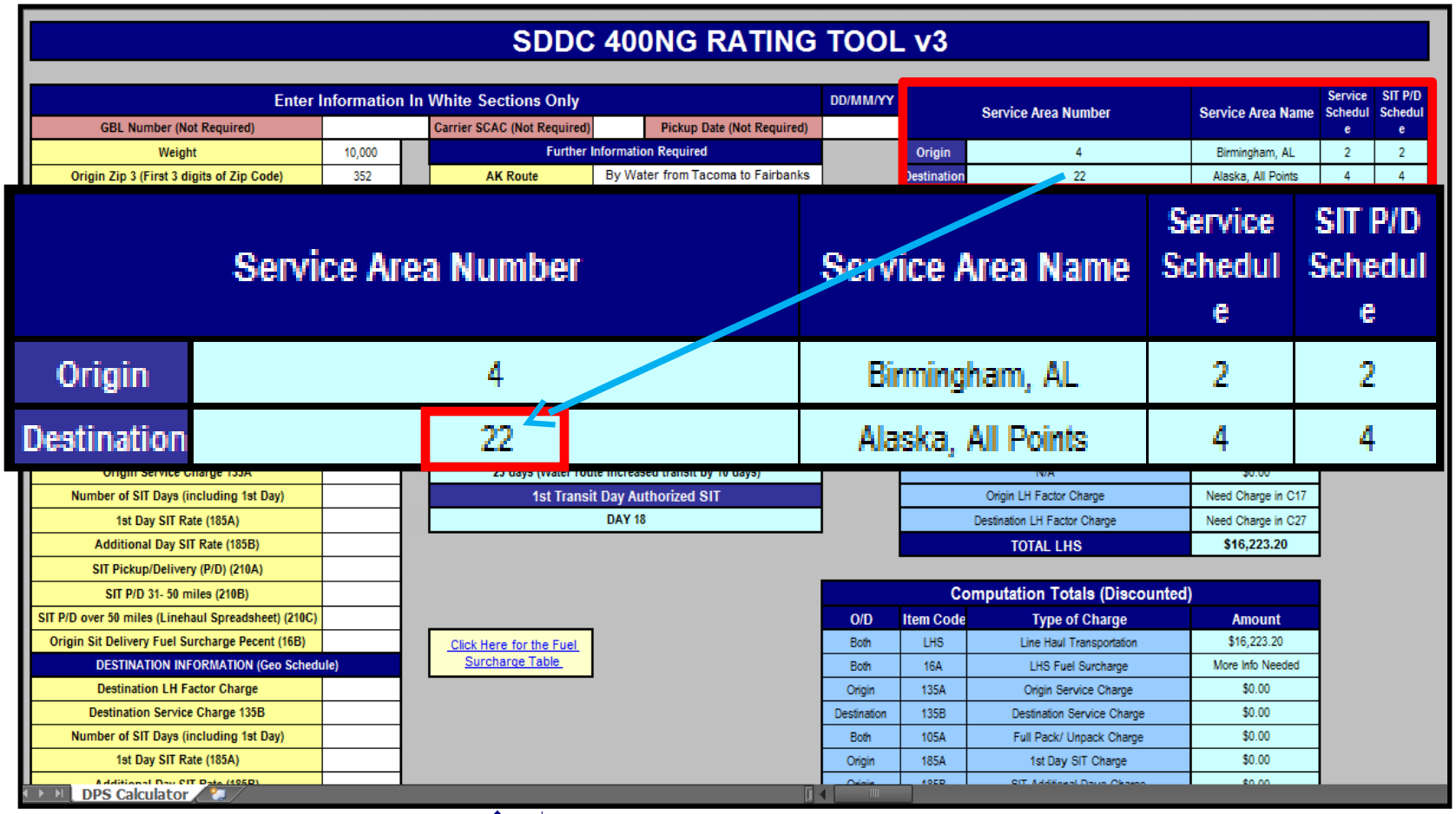
ENTER DESTINATION LH FACTOR CHARGE

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	Now Find
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT P/D (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	

Step 13.3

Refer to Service Area Number Section

SDDC 400NG Rating Tool v3



Step 13.4

FIND DESTINATION LH Factor CHARGE

400NG-2012 Baseline Tab: Geographical Schedule

Service Area Number	Service Area Name	Services Schedule	Linehaul Factor (per cwt)	135A & B Orig/Dest Service Charge (per cwt)	185A SIT First Day & Whouse (per cwt)	185B SIT Addl Days (per cwt)	SIT PD Schedule
4	Birmingham, AL	2	$1.10	$5.99	$16.78	$0.59	2
20	Montgomery, AL	1	$0.31	$6.29	$13.88	$0.59	3
22	Alaska, All Points	4	$4.92	$6.48	$12.63	$0.46	4
24	Flagstaff, AZ	3	$0.45	$3.36	$12.70	$0.42	3

Requirements

- ***CWT***
- ***Service Area Number***

Step 13.5

ENTER DESTINATION LH FACTOR CHARGE

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	*$4.92*
Destination Service Charge 135B	Now Find
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT P/D (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	

Step 14.1
FIND DESTINATION SERVICE CHARGE

400NG-2012 Baseline Tab: Geographical Schedule

Service Area Number	Service Area Name	Services Schedule	Linehaul Factor (per cwt)	185A & B Orig/Dest Service Charge (per cwt)	185A SIT First Day & Whouse (per cwt)	185B SIT Addl Days (per cwt)	SIT PD Schedule
4	Birmingham, AL	2	$1.10	$5.99	$16.78	$0.59	2
20	Montgomery, AL	1	$0.31	$6.29	$13.88	$0.59	3
	Alaska, All Points	4	$4.92	$6.48	$12.63	$0.46	4
24	Flagstaff, AZ	3	$0.45	$3.36	$12.70	$0.42	3

Requirements

- ***CWT***
- ***Service Area Number***

Step 14.2

ENTER DESTINATION SERVICE CHARGE

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	*$4.92*
Destination Service Charge 135B	*$6.48*
Number of SIT Days (including 1st Day)	Now Find
1st Day SIT Rate (185A)	Now Find
Additional Day SIT Rate (185B)	
SIT P/D (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	

Step 15.1
FIND FIRST DAY SIT RATE

400NG-2012 Baseline Tab: Geographical Schedule

Service Area Number	Service Area Name	Services Schedule	Linehaul Factor (per cwt)	135A & B Orig/Dest Service Charge (per cwt)	185A SIT First Day & Whouse (per cwt)	185B SIT Addl Days (per cwt)	SIT PD Schedule
4	Birmingham, AL	2	$1.10	$5.99	$16.78	$0.59	2
20	Montgomery, AL	1	$0.31	$6.29	$13.88	$0.59	3
	Alaska, All Points	4	$4.92	$6.48	$12.63	$0.46	4
24	Flagstaff, AZ	3	$0.45	$3.36	$12.70	$0.42	3
28	Phoenix, AZ	2	$0.71	$3.41	$12.70	$0.42	3

Requirements

- ***CWT***
- ***Service Area Number***

Step 15.2
ENTER FIRST DAY SIT RATE

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	*$4.92*
Destination Service Charge 135B	*$6.48*
Number of SIT Days (including 1st Day)	*4*
1st Day SIT Rate (185A)	*$12.63*
Additional Day SIT Rate (185B)	Now Find
SIT P/D (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	

Step 16.1
FIND ADDITIONAL DAY SIT RATE

400NG-2012 Baseline Tab: Geographical Schedule

Service Area Number	Service Area Name	Services Schedule	Linehaul Factor (per cwt)	135A & B Orig/Dest Service Charge (per cwt)	185A SIT First Day & Whouse (per cwt)	185B SIT Addl Days (per cwt)	SIT PD Schedule
4	Birmingham, AL	2	$1.10	$5.99	$16.78	$0.59	2
20	Montgomery, AL	1	$0.31	$6.29	$13.88	$0.59	3
22	Points	4	$4.92	$6.48	$12.63	$0.46	4
24	Flagstaff, AZ	3	$0.45	$3.36	$12.70	$0.42	3
28	Phoenix, AZ	2	$0.71	$3.41	$12.70	$0.42	3

Requirements

- ***CWT***
- ***Number of SIT Days***
- ***Service Area Number***

Step 16.2

ENTER ADDITIONAL DAY SIT RATE

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	*$4.92*
Destination Service Charge 135B	*$6.48*
Number of SIT Days (including 1st Day)	*4*
1st Day SIT Rate (185A)	*$12.63*
Additional Day SIT Rate (185B)	*$0.46*
SIT P/D (P/D) (210A)	Now Find
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	

Step 17.1

FIND Destination SIT p/D Schedule

SDDC 400NG Rating Tool v3

	Service Area Number	Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination		Alaska, All Points	4	4

Step 17.2
FIND SIT PICKUP / DELIVERY

400NG-2012 Baseline Tab: Accessorials

		Schedule	Weight →	9800	10000	10200	10400	10600
				9999	10199	10399	10599	10799
210A P/D SIT - 30 miles or less		1		3092	3143	3192	3242	3291
		2		3451	3510	3565	3621	3678
		3		3811	3873	3938	4001	4064
		4		4528	4606	4682	4760	4838
210D P/D SIT - OT		1		4638.0	4714.5	4788.0	4863.0	4936.5
		2		5176.5	5265.0	5347.5	5431.5	5517.0
		3		5716.5	5809.5	5907.0	6001.5	6096.0
		4		6792.0	6909.0	7023.0	7140.0	7257.0

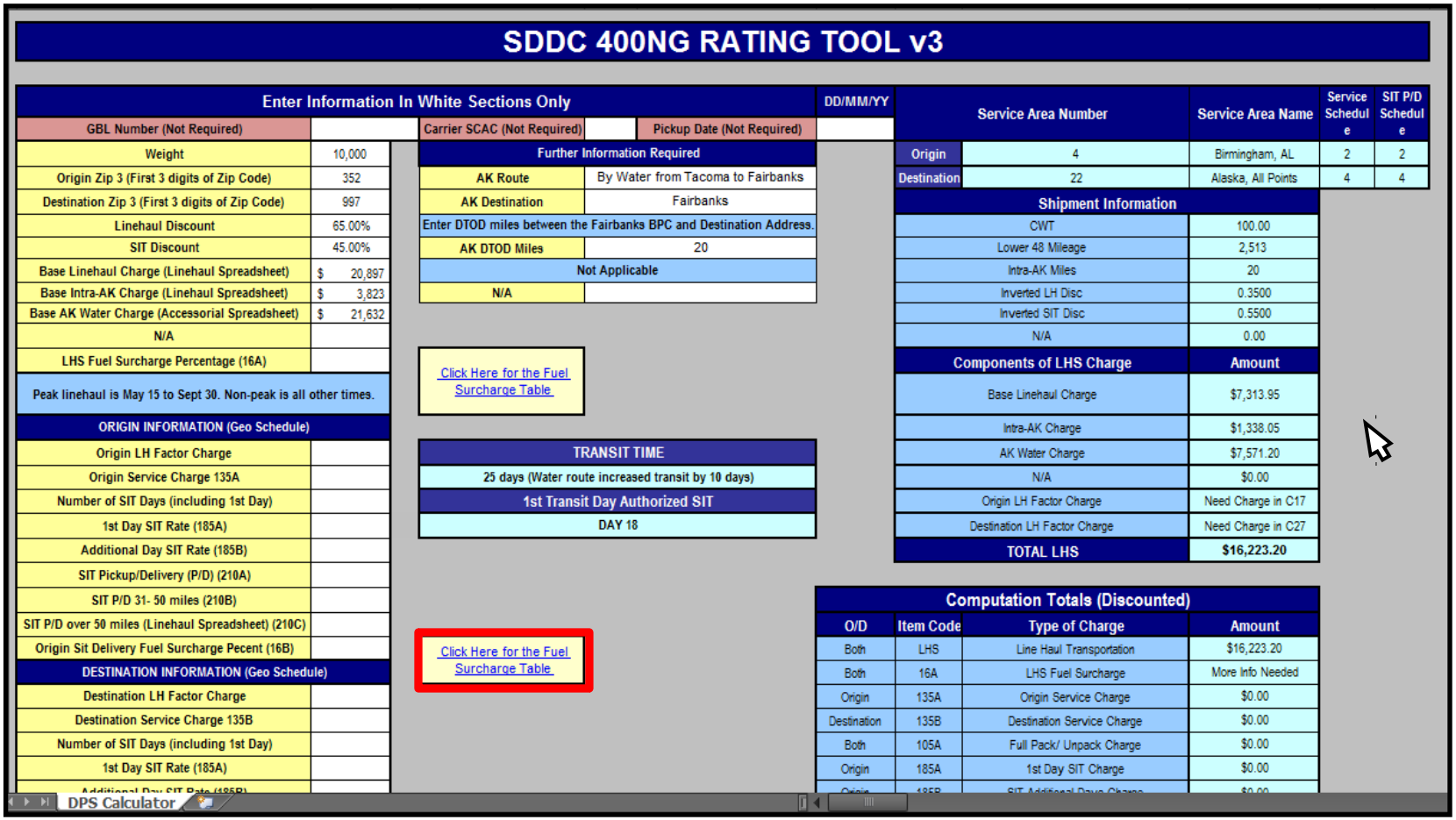
Requirements

- ***CWT***
- ***Service Schedule***
- ***Delivery out of SIT Mileage***

Step 17.3
ENTER SIT PICKUP / DELIVERY

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	$4.92
Destination Service Charge 135B	$6.48
Number of SIT Days (including 1st Day)	4
1st Day SIT Rate (185A)	$12.63
Additional Day SIT Rate (185B)	$0.46
SIT P/D (P/D) (210A)	$4,606.00
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	

Step 17.4
FIND FUEL SURCHARGE



SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only				DD/MM/YY
GBL Number (Not Required)		Carrier SCAC (Not Required)	Pickup Date (Not Required)	

Weight	10,000
Origin Zip 3 (First 3 digits of Zip Code)	352
Destination Zip 3 (First 3 digits of Zip Code)	997
Linehaul Discount	65.00%
SIT Discount	45.00%
Base Linehaul Charge (Linehaul Spreadsheet)	$ 20,897
Base Intra-AK Charge (Linehaul Spreadsheet)	$ 3,823
Base AK Water Charge (Accessorial Spreadsheet)	$ 21,632
N/A	
LHS Fuel Surcharge Percentage (16A)	

Peak linehaul is May 15 to Sept 30. Non-peak is all other times.

ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	
Origin Service Charge 135A	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	
Destination Service Charge 135B	
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	

Further Information Required	
AK Route	By Water from Tacoma to Fairbanks
AK Destination	Fairbanks
Enter DTOD miles between the Fairbanks BPC and Destination Address.	
AK DTOD Miles	20
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Click Here for the Fuel Surcharge Table

Service Area Number		Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	0.3500
Inverted SIT Disc	0.5500
N/A	0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$7,313.95
Intra-AK Charge	$1,338.05
AK Water Charge	$7,571.20
N/A	$0.00
Origin LH Factor Charge	Need Charge in C17
Destination LH Factor Charge	Need Charge in C27
TOTAL LHS	$16,223.20

Computation Totals (Discounted)			
O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$16,223.20
Both	16A	LHS Fuel Surcharge	More Info Needed
Origin	135A	Origin Service Charge	$0.00
Destination	135B	Destination Service Charge	$0.00
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00

DPS Calculator

Step 17.5
FIND FUEL SURCHARGE

For this example, we will use the fuel surcharge percentage for 2011. The fuel surcharge percentage for June 2012 had not been released at the time this tutorial was written.

1. EIA Publication Date	2. Shipment Period	3. EIA Price Per Gallon ($)	4. $2.50 Baseline	5. $1.30 Baseline
03 JAN 10	15 JAN 10 - 14 FEB 10	3.331	9	NA
04 JAN 10	15 JAN 10 - 14 FEB 10	2.797	3	NA
01 FEB 10	15 FEB 10 - 14 MAR 10	2.781	3	NA
01 MAR 10	15 MAR 10 - 14 APR 10	2.861	4	NA
01 APR 10	15 APR 10 - 14 MAY 10	3.015	6	NA
03 MAY 10	15 MAY 10 - 14 JUN 10	3.122	7	NA
07 JUN 10	15 JUN 10 - 14 JUL 10	2.946	5	NA
07 JUL 10	15 JUL 10 - 14 AUG 10	2.924	5	NA
02 AUG 10	15 AUG 10 - 14 SEP 10	2.928	5	NA
06 SEP 10	15 SEP 10 - 14 OCT 10	2.931	5	NA
04 OCT 10	15 OCT 10 - 14 NOV 10	3	5	NA
01 NOV 10	15 NOV 10 - 14 DEC 10	3.067	6	NA
06 DEC 10	15 DEC 10 - 14 JAN 11	3.197	7	NA
03 JAN 11	15 JAN 11 - 14 FEB 11	3.331	9	NA
07 FEB 11	15 FEB 11 - 14 MAR 11	3.513	11	NA
07 MAR 11	15 MAR 11 - 14 APR 11	3.871	14	NA
04 APR 11	15 APR 11 - 14 MAY 11	3.976	15	NA
02 MAY 11	15 MAY 11 - 14 JUN 11	4.124	17	NA
06 JUN 11	15 JUN 11 - 14 JUL 11	3.94	15	NA
04 JUL 11	15 JUL 11 - 14 AUG 11	3.85	14	NA
01 AUG 11	15 AUG 11 - 14 SEP 11	3.937	15	NA
05 SEP 11	15 SEP 11 - 14 OCT 11	3.868	14	NA
03 OCT 11	15 OCT 11 - 14 NOV 11	3.749	13	NA
07 NOV 11	15 NOV 11 - 14 DEC 11	3.887	14	NA

Step 17.6
ENTER SIT PICKUP / DELIVERY

DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	*$4.92*
Destination Service Charge 135B	*$6.48*
Number of SIT Days (including 1st Day)	*4*
1st Day SIT Rate (185A)	*$12.63*
Additional Day SIT Rate (185B)	*$0.46*
SIT P/D (P/D) (210A)	*$4,606.00*
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	*15.00 %*

Step 18.1

Refer to Additional Rates Section

LHS Fuel Surcharge Percentage (16A)	15.00%
Peak linehaul is May 15 to Sept 30. Non-peak is all other times.	
ORIGIN INFORMATION (Geo Schedule)	
Origin LH Factor Charge	$ 1.10
Origin Service Charge 135A	$ 5.99
Number of SIT Days (including 1st Day)	
1st Day SIT Rate (185A)	
Additional Day SIT Rate (185B)	
SIT Pickup/Delivery (P/D) (210A)	
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Origin Sit Delivery Fuel Surcharge Pecent (16B)	
DESTINATION INFORMATION (Geo Schedule)	
Destination LH Factor Charge	$ 4.92
Destination Service Charge 135B	$ 6.48
Number of SIT Days (including 1st Day)	4
1st Day SIT Rate (185A)	$ 12.63
Additional Day SIT Rate (185B)	$ 0.46
SIT P/D (P/D) (210A)	$ 4,606.00
SIT P/D 31- 50 miles (210B)	
SIT P/D over 50 miles (Linehaul Spreadsheet) (210C)	
Destination Sit Delivery Fuel Surcharge Pecent (16B)	
ADDITIONAL RATES (Other)	
Pack Rate	
Unpack Rate	
Crating (105B)	
Uncrating (105E)	
Enter Length of Crate (in inches)	
Enter Width of Crate (in inches)	
Enter Height of Crate (in inches)	

Click Here for the Fuel Surcharge Table

Click Here for the Fuel Surcharge Table

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Chargeable Crate Cubic Foot (Cuft)
0.00

Components of LHS Charge	Amount
Base Linehaul Charge	$7,313.95
Intra-AK Charge	$1,338.05
AK Water Charge	$7,571.20
N/A	$0.00
Origin LH Factor Charge	$38.50
Destination LH Factor Charge	$172.20
TOTAL LHS	**$16,433.90**

Computation Totals (Discounted)

O/D	Item Code	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$16,433.90
Both	16A	LHS Fuel Surcharge	$1,329.41
Origin	135A	Origin Service Charge	$209.65
Destination	135B	Destination Service Charge	$226.80
Both	105A	Full Pack/ Unpack Charge	$0.00
Origin	185A	1st Day SIT Charge	$0.00
Origin	185B	SIT Additional Days Charge	$0.00
Origin	210A	SIT P/D Charge	$0.00
Origin	210B	SIT P/D 31- 50 miles Charge	$0.00
Origin	210C	SIT P/D over 50 miles	$0.00
Origin	16B	SIT P/D Fuel Surcharge	$0.00
Destination	185A	1st Day SIT Charge	$694.65
Destination	185B	SIT Additional Days Charge	$75.90
Destination	210A	SIT P/D Charge	$2,533.30
Destination	210B	SIT P/D 31- 50 miles Charge	$0.00
Destination	210C	SIT P/D over 50 miles	$0.00
Destination	16B	SIT P/D Fuel Surcharge	$0.00
Origin	105B	Crating Charge	$0.00
Destination	105E	Uncrating Charge	$0.00
Final Cost			**$21,503.61**

Step 18.2
ENTER PACK RATE

ADDITIONAL RATES (Other)	
Pack Rate	Now Find
Unpack Rate	
Crating (105B)	
Uncrating (105E)	
Enter Length of Crate (in inches)	
Enter Width of Crate (in inches)	
Enter Height of Crate (in inches)	

Step 18.3
FIND Origin Service Schedule

SDDC 400NG Rating Tool v3

	Service Area Number	Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Step 18.4
FIND PACK RATE

400NG-2012 Baseline Tab: Additional Rates

Item Number	Item Code	Schedule	Line Item Description	Charge	Notes
105		2	Full Pack (cwt) 16000 lbs and under	$ 55.52	Unpack is $5.8296 per cwt, regardless of weight
105	105A	2	Full Pack (cwt) 16001 lbs to 20000 lbs	$ 58.65	
105	105A	2	Full Pack (cwt) 20001 lbs to 25000 lbs	$ 60.85	
105	105A	2	Full Pack (cwt) over 25000 lbs	$ 63.01	

Requirements

- ***CWT***
- ***Origin Service Schedule***

Step 18.5
ENTER PACK RATE

ADDITIONAL RATES (Other)	
Pack Rate	*$55.52*
Unpack Rate	Now Find
Crating (105B)	
Uncrating (105E)	
Enter Length of Crate (in inches)	
Enter Width of Crate (in inches)	
Enter Height of Crate (in inches)	

Step 19.1
FIND Origin Service Schedule

SDDC 400NG Rating Tool v3

	Service Area Number	Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Step 19.2
FIND UNPACK RATE

400NG-2012 Baseline Tab: Additional Rates

Item Number	Item Code	Schedule	Line Item Description	Charge	Notes
105		4	Full Pack (cwt) 16000 lbs and under	$ 66.09	Unpack is $6.93945 per cwt, regardless of weight
105	105A	4	Full Pack (cwt) 16001 lbs to 20000 lbs	$ 69.85	
105	105A	4	Full Pack (cwt) 20001 lbs to 25000 lbs	$ 72.43	
105	105A	4	Full Pack (cwt) over 25000 lbs	$ 75.01	

Requirements

- ***CWT***
- ***Destination Service Schedule***

Step 19.3
ENTER UNPACK RATE

ADDITIONAL RATES (Other)	
Pack Rate	*$55.52*
Unpack Rate	*$6.93945*
Crating (105B)	Now Find
Uncrating (105E)	
Enter Length of Crate (in inches)	
Enter Width of Crate (in inches)	
Enter Height of Crate (in inches)	

Step 20.1

FIND Destination Service Schedule

SDDC 400NG Rating Tool v3

	Service Area Number	Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Step 20.2
FIND CRATE RATE

400NG-2012 Baseline Tab: Additional Rates

Item Number	Item Code	Schedule	Line Item Description	Charge
105	105B	1	Crating (cuft)	$ 24.81
105	10	2	Crating (cuft)	$ 26.63
105	105B	3	Crating (cuft)	$ 27.02
105	105B	4	Crating (cuft)	$ 29.74

Requirements

- ***CWT***
- ***Service Schedule at Destination***
- ***Crate: Length - Width - Height***

Step 20.3
ENTER CRATE RATE

ADDITIONAL RATES (Other)	
Pack Rate	$55.52
Unpack Rate	$6.93945
Crating (105B)	$26.65
Uncrating (105E)	Now Find
Enter Length of Crate (in inches)	
Enter Width of Crate (in inches)	
Enter Height of Crate (in inches)	

Step 21.1

FIND Destination Service Schedule

SDDC 400NG Rating Tool v3

	Service Area Number	Service Area Name	Service Schedule	SIT P/D Schedule
Origin	4	Birmingham, AL	2	2
Destination	22	Alaska, All Points	4	4

Deliver Trust

Step 21.2
FIND UNCRATE RATE

400NG-2012 Baseline Tab: Additional Rates

Item Number	Item Code	Schedule	Line Item Description	Charge	Notes
105	105E	1	UnPack Reg Crate	$ 6.20	
105	105E	2	UnPack Reg Crate	$ 6.66	
105	105E	3	UnPack Reg Crate	$ 6.75	
105		4	UnPack Reg Crate	$ 7.43	

Calculation Requirements

- ***CWT***
- ***Service Schedule at Destination***
- ***Crate: Length - Width - Height***

Step 21.3
ENTER UNCRATE RATE

ADDITIONAL RATES (Other)	
Pack Rate	*$55.52*
Unpack Rate	*$6.93945*
Crating (105B)	*$26.63*
Uncrating (105E)	*$7.43*
Enter Length of Crate (in inches)	Now Find
Enter Width of Crate (in inches)	Now Find
Enter Height of Crate (in inches)	Now Find

Step 22.1
ENTER CRATE SIZE

ADDITIONAL RATES (Other)	
Pack Rate	$55.52
Unpack Rate	$6.93945
Crating (105B)	$26.63
Uncrating (105E)	$7.43
Enter Length of Crate (in inches)	72
Enter Width of Crate (in inches)	60
Enter Height of Crate (in inches)	60

Chargeable Crate Cubic Foot (Cuft)
150.00

Step 23.1

Refer to the Sections highlighted Below

SDDC 400NG RATING TOOL v3

Enter Information In White Sections Only			DD/MM/YY
GBL Number (Not Required)		Carrier SCAC (Not Required)	Pickup Date (Not Required)
Weight	10,000		
Origin Zip 3 (First 3 digits of Zip Code	352		
Destination Zip 3 (First 3 digits of	997		
Linehaul Discount	65.00%		
SIT Discount	45.00%		
Base Linehaul Charge (Linehaul	$ 20,897		
se Intra-AK Charge (Linehaul Spreadshe	$ 3,823		
AK Water Charge (Accessorial Spread	$ 21,632		
N/A			
LHS Fuel Surcharge Percentage (16A)	15.00%		
Peak linehaul is May 15 to Sept 30. Non-peak is			
ORIGIN INFORMATION (Geo Schedule)			
Origin LH Factor Charge	$ 1.10		
Origin Service Charge 135A	$ 5.99		
Number of SIT Days (including 1st Day)			
1st Day SIT Rate (185A)			
Additional Day SIT Rate (185B)			
SIT Pickup/Delivery (P/D) (210A)			
SIT P/D 31- 50 miles (210B)			
D over 50 miles (Linehaul Spreadsheet) (210C)			
gin Sit Delivery Fuel Surcharge Pecent (16B)			
DESTINATION INFORMATION (Geo Schedule)			
Destination LH Factor Charge	$ 4.92		
Destination Service Charge 135B	$ 6.48		
Number of SIT Days (including 1st Day)	4		
1st Day SIT Rate (185A)	$ 12.63		
Additional Day SIT Rate (185B)	$ 0.46		
SIT P/D (P/D) (210A)	$4,606.00		
SIT P/D 31- 50 miles (210B)			
D over 50 miles (Linehaul Spreadsheet) (210C)			
ation Sit Delivery Fuel Surcharge Pecen	15.00%		
ADDITIONAL RATES (Other)			
Pack Rate	$ 55.52		
Unpack Rate	$ 6.93945		
Crating (105B)	$ 26.63		
Uncrating (105E)	$ 7.43		
Enter Length of Crate (in inches)	72		
Enter Width of Crate (in inches)	60		
Enter Height of Crate (in inches)	60		

Further Information Required	
AK Route	By Water from Tacoma to Fairbanks
AK Destination	Fairbanks
D miles between the Fairbanks BPC and Destination	
AK DTOD Miles	20
Not Applicable	
N/A	

Click Here for the Fuel Surcharge Table

Click Here for the Fuel Surcharge Table

Click Here for the Fuel Surcharge Table

TRANSIT TIME
25 days (Water route increased transit by 10 days)
1st Transit Day Authorized SIT
DAY 18

Chargeable Crate Cubic Foot (Cuft)
150.00

Service Area Number		rvice Area Na	Servi ce Sched	SIT P/D Sched
Origin	4	Birmingham, AL	2	2
estinatic	22	Alaska, All Points	4	4

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	0.3500
Inverted SIT Disc	0.5500
N/A	0.00
Components of LHS Charge	**Amount**
Base Linehaul Charge	$7,313.95
Intra-AK Charge	$1,338.05
AK Water Charge	$7,571.20
N/A	$0.00
Origin LH Factor Charge	$38.50
Destination LH Factor Charge	$172.20
TOTAL LHS	**$16,433.90**

Computation Totals (Discounted)			
O/D	em Coc	Type of Charge	Amount
Both	LHS	Line Haul Transportation	$16,433.90
Both	16A	LHS Fuel Surcharge	$1,329.41
Origin	135A	Origin Service Charge	$209.65
Destination	135B	Destination Service Charge	$226.80
Both	105A	Full Pack/ Unpack Charge	$2,186.08
Origin	185A	1st Day SIT Charge	$0.00
Origin	185B	SIT Additional Days Charge	$0.00
Origin	210A	SIT P/D Charge	$0.00
Origin	210B	SIT P/D 31- 50 miles Charge	$0.00
Origin	210C	SIT P/D over 50 miles	$0.00
Origin	16B	SIT P/D Fuel Surcharge	$0.00
Destination	185A	1st Day SIT Charge	$634.65
Destination	185B	SIT Additional Days Charge	$75.90
Destination	210A	SIT P/D Charge	$2,533.30
Destination	210B	SIT P/D 31- 50 miles Charge	$0.00
Destination	210C	SIT P/D over 50 miles	$0.00
Destination	16B	SIT P/D Fuel Surcharge	$380.00
Origin	105B	Crating Charge	$1,398.08
Destination	105E	Uncrating Charge	$330.08
Final Cost			$25,857.83

Step 23.2
REVIEW Computation Totals

Shipment Information	
CWT	100.00
Lower 48 Mileage	2,513
Intra-AK Miles	20
Inverted LH Disc	0.3500
Inverted SIT Disc	0.5500
N/A	0.00
Components of LHS Charge	**Amount**
Base Linehaul Charge	$7,313.95
Intra-AK Charge	$1,338.05
AK Water Charge	$7,571.20
N/A	$0.00
Origin LH Factor Charge	$38.50
Destination LH Factor Charge	$172.20
TOTAL LHS	**$16,433.90**

Computation Totals (Discounted)			
O/D	**Item Code**	**Type of Charge**	**Amount**
Both	LHS	Line Haul Transportation	$16,433.90
Both	16A	LHS Fuel Surcharge	$1,329.41
Origin	135A	Origin Service Charge	$209.65
Destination	135B	Destination Service Charge	$226.80
Both	105A	Full Pack/ Unpack Charge	$2,186.08
Origin	185A	1st Day SIT Charge	$0.00
Origin	185B	SIT Additional Days Charge	$0.00
Origin	210A	SIT P/D Charge	$0.00
Origin	210B	SIT P/D 31- 50 miles Charge	$0.00
Origin	210C	SIT P/D over 50 miles	$0.00
Origin	16B	SIT P/D Fuel Surcharge	$0.00
Destination	185A	1st Day SIT Charge	$694.65
Destination	185B	SIT Additional Days Charge	$75.90
Destination	210A	SIT P/D Charge	$2,533.30
Destination	210B	SIT P/D 31- 50 miles Charge	$0.00
Destination	210C	SIT P/D over 50 miles	$0.00
Destination	16B	SIT P/D Fuel Surcharge	$380.00
Origin	105B	Crating Charge	$1,398.08
Destination	105E	Uncrating Charge	$390.08
Final Cost			**$25,857.83**

Questions??

- Please refer any questions to the SDDC Domestic Rates Team at:
  - Via email: usarmy.scott.sddc.mbx.pp-rates-dom@mail.mil
  - Or call (618) 220-5256 or (618) 220-5454